

***Listing of the Claims:***

1. (Currently Amended) A computer-implemented system ~~[[for]] to manage~~~~[[ing]]~~ messages on a queue, comprising:

one or more first test systems that send a plurality of messages directed to one or more second systems;

a messaging service system ~~[[for]] to direct~~~~[[ing]]~~ the plurality of messages to the one or more second systems through the queue, wherein a portion of the one or more second systems cannot read ones of the plurality of messages from the queue that are directed to the portion of the one or more second systems; and

a computer system ~~[[for]] to managing messages on the queue by~~ execute~~[[ing]]~~ a first module and a second module;

wherein the first module reads the plurality of messages from the queue, wherein the plurality of messages are not directed to the first module and the first module is not a normal receiver of the plurality of messages, wherein the first module is selectable in a mutually exclusive manner between destructively reading the messages from the queue and non-destructively reading the messages from the queue; and

wherein the second module displays the plurality of messages read from the queue.

2. (Currently Amended) The computer-implemented system of Claim 1, wherein the queue is supported by a java messaging service.

3. (Currently Amended) The computer-implemented system of Claim 2 wherein the queue is on a java messaging service message server.
4. (Currently Amended) The computer-implemented system of Claim 1, wherein the computer system further executes a control module configured operable to perform the selection of the first module to remove at least one of the plurality of messages read from the queue.
5. (Currently Amended) The computer-implemented system of Claim 1, wherein the computer system further-executes a control module configured operable to perform the selection of the first module to remove each of the plurality of messages read from the queue.
6. (Currently Amended) The computer-implemented system of Claim 1, wherein each of the plurality of messages includes attributes and wherein the second module is further configured operable to display the attributes of each of the plurality of messages.
7. (Currently Amended) The computer-implemented system of Claim 1, wherein the plurality of messages each includes attributes and wherein the second module is further configured operable to display sectional identifiers in the hierarchical tree structure related to the attributes of each one of the plurality of messages.

8. (Currently Amended) The computer-implemented system of Claim 7, wherein each of the attributes is displayed, by the second module, adjacent the sectional identifier associated with the attribute.

9. (Currently Amended) The computer-implemented system of Claim 6, wherein the plurality of attributes of the plurality of messages includes a type attribute, an expires attribute, a priority attribute, a mode attribute, a correlation identification attribute, a reply attribute and a properties attribute, and wherein the second module is further operable configured to display a type section wherein the type attribute is displayed, an expires section wherein the expires attribute is displayed, a priority section wherein the priority attribute is displayed, a mode section wherein the mode attribute is displayed, a correlation identification section wherein the correlation identification attribute is displayed, a reply section wherein the reply attribute is displayed, and a properties section wherein the properties attribute is displayed.

10. (Currently Amended) The computer-implemented system of Claim 1, wherein each of the plurality of message includes a properties attribute and wherein the second module is configured operable to display only a portion of the properties attribute.

11. (Currently Amended) The computer-implemented system of Claim 10, wherein the second module is further configured operable, in response to selecting the displayed portion of the properties attribute, to display in a viewer the complete properties attribute for viewing.

12. (Currently Amended) The computer-implemented system of Claim 1, wherein the second module is further configured ~~operable~~ to display an identifier associated with the each of the message and a delivery time related to the time the message was delivered to the messaging service.

13. (Currently Amended) A computer-implemented method of viewing messages on a messaging service, comprising:

selecting a host computer implementing the messaging service by inputting a host computer identification;

selecting a queue supported by the messaging service by inputting a queue identification;

reading a message originating from a first test application and directed to a second application from the queue by a third application, wherein the message is not directed to the third application and the third application is not a normal receiver of the message, and wherein the second application cannot read the message that is directed to the second application; and

displaying full contents of the message using the third application;

verifying that the message has a correct message structure, that information in fields of the message structure contain correct information, and that a destination of the message is correct by reviewing the full contents of the message displayed by the third application.

14. (Currently Amended) The computer-implemented method of Claim 13, wherein the message includes a plurality of attributes.

15. (Currently Amended) The computer-implemented method of claim 14, wherein the queue is on a java messaging service message server.

16. (Currently Amended) The computer-implemented method of Claim 13, further comprising:

selecting a profile of the host computer having the host computer identification to connect to the host computer, the profile further having the queue identification;  
logging on to the host computer using the profile; and  
connecting to the queue using the profile.

17. (Previously Presented) The computer-implemented method of Claim 16, further comprising:

selecting a consume control determining whether to consume the messages after the message is read; and  
consuming the message when the consume control has been selected to consume the message.

18. (Currently Amended) The computer-implemented method of Claim 17, further comprising:

displaying attribute headings including indicia identifying attributes of the message;  
displaying each of the attributes of the message adjacent one of the associated attribute headings.

19. (Currently Amended) The computer-implemented method of Claim 18, further comprising:

displaying a portion of a properties attribute of the message;

selecting the properties attribute; and

displaying the properties attribute in a viewer operable configured to view an entire text of the properties attribute of the message.

20. (Currently Amended) The computer-implemented method of Claim 18, further comprising:

searching the messages read from the queue for a string of text; and

identifying the message having text matching the string of text.

21. (Currently Amended) A computer-implemented method of testing a[[n]] test application which generates messaging service messages, comprising:

running the test application;

generating a message by the test application directed to a second application;

posting the message to a queue;

inputting an identification of a host computer system maintaining the queue using a third application;

inputting an identification of the queue using the third application;

destructively reading the message from the queue with the third application,

wherein the message is not directed to the third application and the third application is not a normal receiver of the message, and wherein the second application cannot read the message that is directed to the second application;

displaying the read message using the third application; and

verifying that the read message has a correct message structure, that fields of the message structure contain correct information, and that a destination of the message is correct ~~to verify whether the test application is operating properly.~~



22. (Currently Amended) The computer-implemented method of claim 21, wherein one of the fields of the message structure is an attribute field, and wherein displaying the read message includes displaying attributes of the attribute field, and wherein the queue is supported by a java messaging service.